

SUMMARY OF COST ESTIMATE FOR THE PROJECT

NAME OF ROAD :- DETAILED ESTIMAE FOR TEMPORARY RESTORATION OF ROAD
FROM CHUNI WORLD BANK TO CHAUDHARY TOLA (SAHPUR),
GIRDHARPATTI HAT VIA MIRRAPATTI


DIVISION :- TRIVENIGANJ


BLOCK :- CHHATAPUR

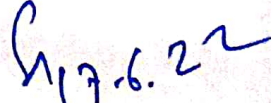
Actual Length of Road :- 9.300 Km

Flood Affected Length of Road :- 0.802 Km

Sr. No.	Description	Amount (In Rs.)
1	SAND BAG	64,575.8534
2	BRICK BATS	617,818.13
3	BAMBOO PILE	-
4	BAMBOO SUPPLY	-
5	EC BAG	-
6	GEO BAG	-
7	GRANULAR SUB BASE	961,417.78
8	HUME PIPE	-
	Total Cost =	1,643,811.76
	Add:-Labour Cess @1% amt. =	16,438.12
	Add:GST@12% on amt. =	197,257.41
	Add:S.F.@ 10% on Material =	49,717.24
	TOTAL RESTORATION COST OF THE PROJECT IN LACS	1,907,225

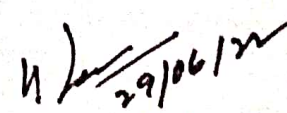

15/6/22
Junior Engineer
RWD (W) Division, Triveniganj


15/6/22
Assistant Engineer
RWD (W) Division, Triveniganj
Chhatapur


17.6.22
Executive Engineer
RWD (W) Division, Triveniganj

Vide letter no 378-4 (मुं) विविध कार्य 23-29/12/2019-4849
dt- 07/12/2021

Technically sanctioned for Rs-1907225-00/-
(that is nineteen lakh seven thousand two hundred
twenty five rupees only)


29/06/22
Superintending Engineer
Rural Works Department
Works Circle, Madhet

Details of Measurement

Details of Measurement							मात्रा Quantity
कार्य का ब्योरा Deatail of Work	संख्या No.	Measurement					
		लम्बाई in m.	चोड़ाई In m.	ऊचाई In m.			
NAME OF ROAD :-	DETAILED ESTIMAE FOR TEMPORARY RESTORATION OF ROAD FROM CHUI WORLD BANK TO CHAUDHARY TOLA (SAHPUR), GIRDHARPATTI HAT VIA MIRRAPATTI						
Item No. 1	Sand filling in Foundation Trenches as per Drawing & Technical Specification						
CH:-in .		1	30	2.000	0.60	36.000	
CH:-in .		1	10	2.000	0.60	12.000	
CH:-in .		2	20	2.000	0.60	48.000	
CH:-in .		1	20	2.000	0.30	12.000	
CH:-in .		1	10	1.600	0.60	9.600	
CH:-in .						117.600	
Item No. 2	Providing and laying of Brick bat obtained from chimney with machedical means with all spreading, grading to required slope and compacted at OMC to acheive required density with all complete as per the direction of engineer in charge.						
CH:-in		1	30	3.500	0.300	31.500	
CH:-in		4	30	3.000	0.450	162.000	
CH:-in		1	30	3.600	0.300	32.400	
CH:-in		2	30	3.800	0.300	68.400	
CH:-in		1	30	3.000	0.300	27.000	
						321.300	
	Less For Pipe	0	22/7x(0.6)2x2.5 (-)			0.000	
			Total (in Cum)			321.300	
Item No. 3	Labour for cutting 62mm to 75 mm dia bamboo piles to size and making shoes and driving etc. complete job as per specification and direction of E/I						
CH:-in		3	0		4.00	0.000	
	For Bamboo pilling 1.25m			Total (in m)		0.000	
Item No. 6	Supply of Bamboo at site.						
				Total (in m)		0.00	
				Total (in nos.)		0.00	
						0.00	
Item No. 3	Labour filling empty cement bags with loocal sand, stitching the bags and placing including supply of suti and EC bag etc. all complete as per approved desing, specification and direction of E/I						
CH:-in		1	0.00	2	1.50	0.00	
CH:-in			Total (in cum)			0.00	
	(0.034m3=1 no. of EC Bags)					0.00	
			Total (in nos.)			0.00	
Item No. 4	Providing,laying and filling Geo bags of size 1m X 0.7 m(Type A 300 GSM nonwoven) weight of bags 420g volume of filled bag 0.07m3. weight of filled Geo bags 126 Kg with local sand including stitching in four lines by approved nylon thread with stitching machine and generator stacking and placing after loading unloading and carriage with help of trolley within 150m lead all complete as per specifications and direction of E/I (including Carriage of Local sand lead 0.5 km)						
CH:-in		2	0	2.00	0.45	0.00	
						0.00	
	(0.076m3=1 no. of Geo Bags)					0.00	
			Total (in nos.)			0.00	
Item No. 5	Construction of granular sub-base by providing well graded material, spreading in uniform layers with tractor mounted grader arrangement on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with smooth wheel roller to achieve the desired density, complete as per Technical Specification Clause 401.(Gr-II Material)						
		2	15	3.00	0.150	13.5000	
		1	18	2.00	0.150	5.4000	
		2	30	3.00	0.100	18.0000	
		2	30	3.00	0.150	27.0000	
		4	8	2.50	0.100	8.0000	
		4	2.3	3.00	0.150	4.1400	
		5	15	3.00	0.150	33.7500	
		3	25	3.20	0.100	24.0000	
		2	25	3.20	0.150	24.0000	

						4	16	3.00	0.150	28.8000	
						6	12	2.50	0.100	18.0000	
						5	15	3.00	0.150	33.7500	
						2	30	3.00	0.150	27.0000	
						2	30	3.00	0.150	27.0000	
						2	30	3.00	0.150	27.0000	
								Total (Cum)		319.340	
6	Providing and Laying Reinforced Cement Concrete Pipe NP3 as per design in Single Row(1000mm Dia).										
								2.5		0.00	
						2	0	Total (in m)		0.00	

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Executive Engineer
Rural Works Department
Work Division, Triveniganj

Calculation of Seigniorage Fees

DETAILED ESTIMAE FOR TEMPORARY RESTORATION OF ROAD FROM CHUI WORLD BANK TO
NAME OF ROAD :- CHAUDHARY TOLA (SAHPUR), GIRDHARPATTI HAT VIA MIRRAPATTI
BLOCK :- CHHATAPUR

S.No	SOR NO	DESCRIPTION OF ITEMS	QTY	UNIT	RATE	AMOUNT
1/1	12.3	Sand filling in Foundation Trenches as per Drawing & Technical Specification				
		Sand	117.60	Cum	116.85	13741.56
2/2	A/R	Providing & laying Brick Bat....				
		Providing and laying of Brick bat obtained from chimney with machanical means with all spreading, grading to required slope and compacted at OMC to acheive required density with all complete as per the direction of engineer in charge.				
		Brick Bats	321.30	Cum	1032.00	331581.60
3/7	5.7.40.1	Labour filling empty cement bags with loocal sand, stitching the bags and placing including supply of sutli and EC bag etc. all complete as per approved desing, specification and direction of E/I				
		Sand	0.00	Cum	116.85	0.00
4/8	5.7.40.2	Providing, laying and filling Geo bags of size 1m X 0.7 m (Type A 300 GSM nonwoven) weight of bags 420g volume of filled bag 0.07m ³ . weight of filled Geo bags 126 Kg with local sand including stitching in four lines by approved nylon thread with stitching machine and generator stacking and placing after loading unloading and carriage with help of trolley within 150m lead all complete as per specifications and direction of E/I (including Carriage of Local sand lead 0.5 km)				
		Sand	0.00	Cum	116.85	0.00
5/9	401	Construction of granular sub-base by providing well graded material, spreading in uniform layers with tractor mounted grader arrangement on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with smooth wheel roller to achieve the desired density, complete as per Technical Specification Clause 401.				
		For Grading II Material (with Coarse Sand Screening)				
		Unit = Cum				
		Taking output = 300 cum				
		Coarse graded granular sub-base material as per Table 400.2				
		53 mm to 9.5mm @ 50 percent	180.00	Cum	516.42	92955.60
		9.5 mm to 2.36 mm @ 20 percent	72.00	Cum	411.33	29615.76
		2.36 mm below @ 30 percent (coarse Sand Screening)	108.00	Cum	185.94	20081.52
		Cost for 300 cum = a				142652.88
		Rate psr Cum = (a)/300		Cum		475.51
			319.34	Cum	475.51	151849.24
		GSB Gr-II				151849.24
					TOTAL	497172.40
		Seigniorage Fees @10% of Basic Amount			Say	49717.24

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Executive Engineer
Rural Development Department
Work Division Irviniganj

Estimate of Flood affected Road

NAME OF ROAD :- CHUI WORLD BANK TO CHAUDHARY TOLA (SAHPUR), GIRDHARPATTI
HAT VIA MIRRAPATTI

BLOCK :-

CHHATAPUR

S.No	SOR NO	DESCRIPTION OF ITEMS	QTY	UNIT	RATE	AMOUNT
1	301.5	Sand filling in Foundation Trenches as per Drawing & Technical Specification	117.60	Cum	549.11	64575.85
2	A/R	Providing and laying of Brick bat obtained from chimney with machanical means with all spreading, grading to required slope and compacted at OMC to acheive required density with all complete as per the direction of engineer in charge.	321.30	Cum	1922.87	617818.13
3	5.7.7	Labour for cutting 62mm to 75 mm dia bamboo piles to size and making shoes and driving etc. complete job as per specification and direction of E/I	0.00	m	45.86	0.00
4	5.7.8	Labour for fitting and fixing Split bamboo woven chachari in position with 20 swg G.I wire or 75 mm to 100 mm long nails alternatively including cost of G.I. wire or nails complete job as per specification and direction of E/I	0.00	sqm	78.20	0.00
5	5.7.9	Labour for fitting and fixing 75 mm dia bamboo runners in position at every vertical pole with 150 mm long nails or 38 swg G.I. wire including cost of G.I wire or nails complete job as per specification and direction of E/I	0.00	m	5.31	0.00
6		Supply of Bamboo at site.	0.00	nos.	188.39	0.00
3	5.7.40.1	Labour filling empty cement bags with loocal sand, stitching the bags and placing including supply of sutli and EC bag etc. all complete as per approved desing, specification and direction of E/I	0.00	nos.	36.10	0.00
4		Providing, laying and filling Geo bags of size 1m X 0.7 m (Type A 300 GSM nonwoven) weight of bags 420g volume of filled bag 0.07m ³ . weight of filled Geo bags 126 Kg with local sand including stitching in four lines by approved nylon thread with stitching machine and generator stacking and placing after loading unloading and carriage with help of trolley within 150m lead all complete as per specifications and direction of E/I (including Carriage of Local sand lead 0.5 km)	0.00	Each	172.18	0.00
5	401	Construction of granular sub-base by providing well graded material, spreading in uniform layers with tractor mounted grader arrangement on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with smooth wheel roller to achieve the desired density, complete as per Technical Specification Clause 401.	319.340	Cum	3010.64	961417.78
6	9.3	Providing and Laying Reinforced Cement Concrete Pipe NP3 as per design in Single Roww(1000mm Dia).	0.00	m	4041.99	0.00
		Total			Rs.	1643811.76

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Executive Engineer
Rural Works Department
Work Division, Tiruvengudi